

METHOD AND SYSTEM FOR CASE CONVERSION

ABSTRACT OF THE DISCLOSURE

5 The present invention relates to a method and system for converting a first set of elements into a second set of elements, more particularly, to case conversion, e.g., according to the Unicode standard. It exploits a fast translation function provided by a computer system to speed up the conversion process. According to the present invention, the first set of elements is split into a first subset consisting of such elements getting translated to one particular element of said second set and into a second subset consisting of the remaining elements of said first set. A first table is composed in which each element belonging to the first subset is assigned to the respective element of the second set and all elements of said second subset are assigned to an exception handling element. A second table is composed representing rules according to which an exception handling function translates said elements of said second subset. A block of data to be converted is determined, whereby said data is formed by elements of said first set. Then, the first and second table and said determined block of data are provided to said translation function. Finally, the translation function is processed.